

**REMARKS**

Upon entry of the foregoing Amendment, Claims 1-18 are pending in the application. Claims 1, 6 and 7 have been amended for clarification. Support for these amendments may be found, *e.g.*, in paragraphs 74, 82 and 83 of the specification as originally filed. Claims 3 and 10 have been amended to correct grammatical informalities; and Claims 17 and 18 have been added. No new matter has been added by way of the present amendments, and their entry is respectfully requested.

In the Office Action of June 10, 2009, the Examiner set forth a number of grounds for rejection/objection. These grounds are addressed individually and in detail below.

**Examiner Interview Summary**

Applicants appreciate the courtesy extended by Examiner Kuo Woo and Primary Examiner Nathan Mitchell during the telephone interview with Applicants' representatives, Dr. Ping Wang and Jennifer Pearson Medlin on August 10, 2009. During the interview, distinctions between the cited Nan and Vidal documents were discussed, and the Examiners provided suggestions for amending the claims. Although not considered necessary to overcome the current rejections, the claims have been amended in a manner consistent with the Examiners' suggestions.

**Specification**

In the outstanding Office Action, the Examiner requested Applicants make a correction to Paragraph [17], a high speed transmission unit “1168” to “118”. Apparently, the Examiner’s reference was intended to be with regard to Paragraph [19], as the objectionable language is included in Paragraph [19] but not Paragraph [17]. Accordingly, Applicants are amending Paragraph [19] of the Specification to address the Examiner’s concern.

**Drawings**

The Examiner also requested Applicants make a correction to Figure 2, line 116. Accordingly, Applicants are amending Figure 2 to show line 116 as pointing to the low power dissipation radio unit box and instead of the radio unit 104. A Replacement Sheet reflecting this correction is attached.

**Claim objections**

Claims 3 and 10 stand objected for including the terminology “commutation”. These claims have been amended to address the Examiner’s concerns. Accordingly, reconsideration and withdrawal of this objection are respectfully requested.

**Claims Rejections Under 35 U.S.C. § 103(a)**

The Office Action only indicates on page 3 that Claims 1-10 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over CN 21748136 to Nan (“Nan”) in view of U.S. Publication No. 2005/0195099 to Vidal (“Vidal”). However, Applicants interpret the rejection to

apply to Claims 1-16 based on remarks on pages following page 3 of the Office Action. This rejection is respectfully traversed.

To establish a *prima facie* case of obviousness of a claimed invention, all of the claim limitations must be taught or suggested by the prior art. In re Royka, 490 F.2d 981, 180 USPQ 580 (CCPA 1974). "All words in a claim must be considered in judging the patentability of that claim against the prior art." In re Wilson, 424 F.2d 1382, 1385, 165 USPQ 494, 496 (CCPA 1970).

In this case, the amended Claim 1 recites a remote controller for controlling digital household appliance including at least one device. The remote controller comprises:

a radio unit configured to operate in at least two wireless communication modes;  
a control unit configured to select one of the at least two wireless communication modes;  
and  
a memory unit,

wherein the control unit selects one wireless communication mode from the at least two wireless communication modes according to control commands inputted by a user, and the radio unit transmits the control commands to the device for controlling operations of the device **and transmits multimedia data stored in the memory unit to the device in the selected wireless communication mode.**

As admitted on page 3 of the Office Action, Nan does not disclose a memory unit as claimed. The Action relies on Vidal for this feature. While Vidal discloses a remote control with a memory unit, as discussed during the interview, Vidal does not disclose or suggest transmitting **multimedia** data stored in the memory unit to the device in the selected wireless

communication mode as set forth in amended Claim 1. Accordingly, Claim 1 is patentable over combination of Nan and Vidal since combination of these two references fail to disclose all claim limitations.

Claim 7, as amended, recites similar features as Claim 1 and is patentable for at least the same reasons.

Claims 2-6 and 11-12 and Claims 8-10 and 13-16 depend from Claims 1 and 7, respectively, and are patentable for at least the same reasons. In addition, these claims recite further features not disclosed or suggested by Nan and Vidal.

For example, Claim 3 recites that the low dissipation radio unit is configured to a wireless communication protocol including but not limited to Bluetooth protocol, Zigbee protocol and IrDA infrared protocol. As discussed during the interview, this feature is not shown by any combination of Nan and Vidal. Accordingly, Claim 3 is patentable for at least this additional reason. Claim 10 recites similar features as Claim 3 and is patentable for at least the same reasons.

In addition, Claim 6 recites that the control unit selects one corresponding communication mode from the at least two wireless communication modes according to the control commands inputted by the user and characteristics of the multimedia data transmitted by the radio unit. This feature is not disclosed by any combination of Nan and Vidal. Accordingly, Claim 6 is patentable for at least this additional reason.

For at least the reasons given above, the grounds for this rejection have been obviated and that withdrawal of the rejections 35 U.S.C. § 103(a) is respectfully requested.

**New Claims 17 and 18**

New Claim 17 recites similar features as Claim 6 and is patentable for at least the same reasons. New Claim 18 recites similar features as Claims 1 and 3, and therefore, is patentable for at least the same reasons.

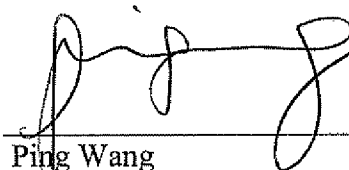
**CONCLUSION**

All of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicants therefore respectfully request that the Examiner reconsider all presently outstanding rejections and that they be withdrawn. It is believed that a full and complete response has been made to the outstanding Office Action and, as such, the present application is in condition for allowance.

If the Examiner believes, for any reason, that personal communication will expedite prosecution of the application, the Examiner is invited to contact Applicants' counsel, Ping Wang, (Reg. No. 48,328), at 202.842.0217.

Respectfully submitted,

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A handwritten signature in black ink, appearing to read 'Ping Wang', is written over a horizontal line.

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